
**SUBSTITUTE DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION****PATENT**

Docket No. : 40716/PBH/B600

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled GIGABIT ETHERNET TRANSCEIVER WITH ANALOG FRONT END, the specification of which is attached hereto unless the following is checked:

X was filed on November 13, 2000 as United States Application Number or PCT International Application Number 09/712,422 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of the foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, any foreign application for patent or inventor's certificate, or any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

<u>Application Number</u>	<u>Country</u>	<u>Filing Date (day/month/year)</u>	<u>Priority Claimed</u>
---------------------------	----------------	-------------------------------------	-------------------------

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

Application Number **Filing Date**

60/164,970	November 11, 1999
60/164,980	November 11, 1999
60/164,981	November 11, 1999
60/181,989	February 11, 2000

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112.

<u>Application Number</u>	<u>Filing Date</u>	<u>Patented/Pending/Abandoned</u>
---------------------------	--------------------	-----------------------------------

**SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

Docket No. 40716/PBH/B600

POWER OF ATTORNEY: I hereby appoint the following attorneys and agents of the law firm CHRISTIE, PARKER & HALE, LLP to prosecute this application and any international application under the Patent Cooperation Treaty based on it and to transact all business in the U.S. Patent and Trademark Office connected with either of them in accordance with instructions from the assignee of the entire interest in this application; or from the first or sole inventor named below in the event the application is not assigned; or from _____ in the event the power granted herein is for an application filed on behalf of a foreign attorney or agent.

R. W. Johnston	(17,968)	Daniel R. Kimbell	(34,849)	Robert A. Green	(28,301)
D. Bruce Prout	(20,958)	Craig A. Gelfound	(41,032)	Derrick W. Reed	(40,138)
Hayden A. Carney	(22,653)	Syed A. Hasan	(41,057)	John W. Peck	(44,284)
Richard J. Ward, Jr.	(24,187)	Kathleen M. Olster	(42,052)	Stephen D. Burbach	(40,285)
Russell R. Palmer, Jr.	(22,994)	Daniel M. Cavanagh	(41,661)	David B. Sandelands, Jr.	(46,023)
LeRoy T. Rahn	(20,356)	Molly A. Holman	(40,022)	Heidi L. Eisenhut	(46,812)
Richard D. Seibel	(22,134)	Joel A. Kauth	(41,886)	Nicholas J. Pauley	(44,999)
Walter G. Maxwell	(25,355)	Patrick Y. Ikehara	(42,681)	Mark J. Marcelli	(36,593)
William P. Christie	(29,371)	Mark Garscia	(31,953)	Paul Heynssens	(47,648)
David A. Dillard	(30,831)	Gary J. Nelson	(44,257)	Peter A. Nichols	(P-47,822)
Thomas J. Daly	(32,213)	Raymond R. Tabandeh	(43,945)	David J. Steele	(47,317)
Vincent G. Gioia	(19,959)	Cynthia A. Bonner	(44,548)	Laurence H. Pretty	(25,312)
Edward R. Schwartz	(31,135)	Jun-Young E. Jeon	(43,693)	Robert A. Schroeder	(25,373)
John D. Carpenter	(34,133)	Marc A. Karish	(44,816)	Richard A. Wallen	(22,671)
David A. Plumley	(37,208)	John F. O'Rourke	(38,985)	Michael J. MacDermott	(29,946)
Wesley W. Monroe	(39,778)	Richard J. Paciulan	(28,248)	Anne Wang	(36,045)
Gregory S. Lampert	(35,581)	Josephine E. Chang	(46,083)	Brian D. Martin	(P-47,771)
Grant T. Langton	(39,739)	Frank L. Cire	(42,419)		
Constantine Marantidis	(39,759)	Harold E. Wurst	(22,183)		

The authority under this Power of Attorney of each person named above shall automatically terminate and be revoked upon such person ceasing to be a member or associate of or of counsel to that law firm.

DIRECT TELEPHONE CALLS TO: Paul Heynssens, 626/795-9900

SEND CORRESPONDENCE TO:
CHRISTIE, PARKER & HALE, LLP
P.O. Box 7068
Pasadena, CA 91109-7068

Customer Number: 23363

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

Docket No. 40716/PBH/B600

NAME OF SOLE OR FIRST INVENTOR

Arya R. Behzad

Inventor's Signature



7/10/01 Date

Residence: Danville

City
State
California

Country

Citizenship
USA

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

NAME OF SECOND INVENTOR

Klaas Bult

Inventor's Signature

Date

Residence: LK Boschen Duin

City
State

Country
The Netherlands

Citizenship

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

NAME OF THIRD INVENTOR

Ramon A. Gomez

Inventor's Signature

Date

Residence: Fountain Valley

City
State
California

Country

Citizenship

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

NAME OF FOURTH INVENTOR

Chi-Hung Lin

Inventor's Signature

Date

Residence: Mission Viejo

City
State
California

Country

Citizenship

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

**SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

Docket No. 40716/PBH/B600

NAME OF SOLE OR FIRST INVENTOR

Arya R. Behzad

Inventor's Signature

Date

Residence: Danville

City
California

State

Country

Citizenship

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

NAME OF SECOND INVENTOR

Klaas Bult

Inventor's Signature

Date
07/12/01

Residence: LK Boschen Duin

City

State

Country

The Netherlands

Citizenship
The Netherlands

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

Kosterijland 14 3901 AJ Bunnik the Netherlands

NAME OF THIRD INVENTOR

Ramon A. Gomez

Inventor's Signature

Date

Residence: Fountain Valley

City

State

California

Country

Citizenship

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

NAME OF FOURTH INVENTOR

Chi-Hung Lin

Inventor's Signature

Date

Residence: Mission Viejo

City

State

California

Country

Citizenship

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

**SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

Docket No. 40716/PBH/B600

NAME OF SOLE OR FIRST INVENTOR

Arya R. Behzad

Inventor's Signature

Date

Residence: Danville	City California	State	Country	Citizenship
---------------------	--------------------	-------	---------	-------------

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

NAME OF SECOND INVENTOR

Klaas Bult

Inventor's Signature

Date

Residence: LK Boschen Duin	City	State	Country The Netherlands	Citizenship
----------------------------	------	-------	----------------------------	-------------

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

NAME OF THIRD INVENTOR

Ramon A. Gomez

Inventor's Signature

7/13/01 Date

Residence: Fountain Valley	City California	State	Country	Citizenship USA
----------------------------	--------------------	-------	---------	--------------------

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

NAME OF FOURTH INVENTOR

Chi-Hung Lin

Inventor's Signature

Date

Residence: Mission Viejo	City California	State	Country	Citizenship
--------------------------	--------------------	-------	---------	-------------

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

**SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

Docket No. 40716/PBH/B600

NAME OF SOLE OR FIRST INVENTOR

Arya R. Behzad

Inventor's Signature

Date

Residence: Danville	City California	State	Country	Citizenship
---------------------	--------------------	-------	---------	-------------

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

NAME OF SECOND INVENTOR

Klaas Bult

Inventor's Signature

Date

Residence: LK Boschen Duin	City	State	Country	Citizenship
----------------------------	------	-------	---------	-------------

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

NAME OF THIRD INVENTOR

Ramon A. Gomez

Inventor's Signature

Date

Residence: Fountain Valley	City California	State	Country	Citizenship
----------------------------	--------------------	-------	---------	-------------

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

NAME OF FOURTH INVENTOR

Chi-Hung Lin

Inventor's Signature

Date
July 9, 2001

Residence: Mission Viejo	City Houten	State California	Country Netherlands	Citizenship Taiwan, R.O.C.
--------------------------	----------------	---------------------	------------------------	-------------------------------

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

Kosterijland 14, 3981 AJ Bunnik, Netherlands

SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

Docket No. 40716/PBH/B600

NAME OF FIFTH INVENTOR

Tom W. Kwan

Inventor's Signature	Tom Kwan		
Residence: Milpitas	City Cupertino	State California	Country
Mailing Address: 3151 Zanker Rd SAN JOSE CA 95134			

Date
7/18/01

Citizenship
Canada

NAME OF SIXTH INVENTOR

Oscar E. Agazzi

Inventor's Signature			
Residence: Irvine	City	State California	Country
Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013			

Date

Citizenship

NAME OF SEVENTH INVENTOR

John L. Creigh

Inventor's Signature			
Residence: Rancho Santa Margarita	City	State California	Country
Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013			

Date

Citizenship

NAME OF EIGHTH INVENTOR

Mehdi Hatamian

Inventor's Signature			
Residence: Mission Viejo	City	State California	Country
Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013			

Date

Citizenship

**SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

Docket No. 40716/PBH/B600

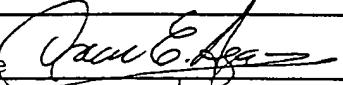
NAME OF FIFTH INVENTOR

Tom W. Kwan

Inventor's Signature			Date
City Residence: Milpitas	State California	Country	Citizenship
Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013			

NAME OF SIXTH INVENTOR

Oscar E. Agazzi

Inventor's Signature 			Date <i>July 6, 2001</i>
City Residence: Irvine	State California	Country	Citizenship <i>Argentina</i>
Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013			

NAME OF SEVENTH INVENTOR

John L. Creigh

Inventor's Signature			Date
City Residence: Rancho Santa Margarita	State California	Country	Citizenship
Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013			

NAME OF EIGHTH INVENTOR

Mehdi Hatamian

Inventor's Signature			Date
City Residence: Mission Viejo	State California	Country	Citizenship
Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013			

**SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

Docket No. 40716/PBH/B600

NAME OF FIFTH INVENTOR

Tom W. Kwan

Inventor's Signature

Date

Residence:	City Milpitas	State California	Country	Citizenship
------------	------------------	---------------------	---------	-------------

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

NAME OF SIXTH INVENTOR

Oscar E. Agazzi

Inventor's Signature

Date

Residence:	City Irvine	State California	Country	Citizenship
------------	----------------	---------------------	---------	-------------

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

NAME OF SEVENTH INVENTOR

John L. Creigh

Inventor's Signature

Date
7/1/01

Residence:	City Rancho Santa Margarita	State California	Country	Citizenship U.S.A./EC
------------	-----------------------------------	---------------------	---------	--------------------------

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

NAME OF EIGHTH INVENTOR

Mehdi Hatamian

Inventor's Signature

Date

Residence:	City Mission Viejo	State California	Country	Citizenship
------------	-----------------------	---------------------	---------	-------------

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

**SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

Docket No. 40716/PBH/B600

NAME OF FIFTH INVENTOR

Tom W. Kwan

Inventor's Signature			Date
Residence:	City Milpitas	State California	Country
Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013			

NAME OF SIXTH INVENTOR

Oscar E. Agazzi

Inventor's Signature			Date
Residence:	City Irvine	State California	Country
Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013			

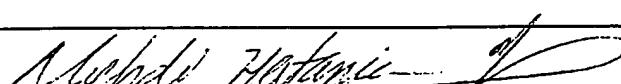
NAME OF SEVENTH INVENTOR

John L. Creigh

Inventor's Signature			Date
Residence:	City Rancho Santa Margarita	State California	Country
Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013			

NAME OF EIGHTH INVENTOR

Mehdi Hatamian

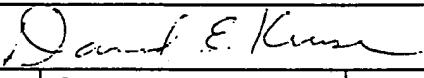
Inventor's Signature			Date 7/16/01
Residence:	City Laguna Beach	State California	Country
Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013			

**SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

Docket No. 40716/PBH/B600

NAME OF NINTH INVENTOR

David E. Kruse

Inventor's Signature			
City Residence: 3981 AJ Bunnik	State	Country The Netherlands	Citizenship U.S.A.
Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013			

Date
7/9/2001

NAME OF TENTH INVENTOR

Arthur Abnous

Inventor's Signature			
City Residence: Irvine	State California	Country	Citizenship
Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013			

Date

NAME OF ELEVENTH INVENTOR

Henry Samuels

Inventor's Signature			
City Residence: Corona del Mar	State California	Country	Citizenship
Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013			

Date

MC PAS334179.1.-6/28/01 5:09 PM

**SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

Docket No. 40716/PBH/B600

NAME OF NINTH INVENTOR

David E. Kruse

Inventor's Signature			Date
City Residence: 3981 AJ Bunnik	State	Country The Netherlands	Citizenship
Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013			

NAME OF TENTH INVENTOR

Arthur Abnous

Inventor's Signature			Date 7-1-01
City Residence: Irvine	State California	Country	Citizenship Irvine
Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013			

NAME OF ELEVENTH INVENTOR

Henry Samueli

Inventor's Signature			Date
City Residence: Corona del Mar	State California	Country	Citizenship
Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013			

MC PAS334179.1 • 6/28/01 5:09 PM

**SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

Docket No. 40716/PBH/B600

NAME OF NINTH INVENTOR

David E. Kruse

Inventor's Signature

Date

Residence: 3981 AJ Bunnik	City	State	Country	Citizenship
---------------------------	------	-------	---------	-------------

The Netherlands

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

NAME OF TENTH INVENTOR

Arthur Abnous

Inventor's Signature

Date

Residence: Irvine	City	State	Country	Citizenship
-------------------	------	-------	---------	-------------

California

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

NAME OF ELEVENTH INVENTOR

Henry Samueli

Inventor's Signature

Date

Residence: Corona del Mar	City	State	Country	Citizenship
---------------------------	------	-------	---------	-------------

California

USA

Mailing Address: 16215 Alton Parkway Drive, Irvine, CA 92618-7013

MC PAS334179.1.-6/28/01 5:09 PM